EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	40	(NOIROT.in. or REMI.in. or CASTAGNE.in. or DEMENTHON.in.) and (exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 11:59
S2	20	(NOIROT.in. or REMI.in. or CASTAGNE.in. or DEMENTHON.in.) and (exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 11:59
S3	15	(NOIROT.in. or REMI.in. or CASTAGNE.in. or DEMENTHON.in.) and (exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 11:59
S4	697	((exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature))).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00

S5	153	((exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen)).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00
S6	104	((exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4)).CLM.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00
S7	12	(US-20070271902-$).did. or (US-5195319-$ or US-7207171-$ or US-7054734-$ or US-6988361-$ or US-6941750-$ or US-4450682-$ or US-4651524-$ or US-7254940-$ or US-4436538-$ or US-7299626-$).did. or (WO-2005052331-$).did.	US-PGPUB; USPAT; EPO	OR	ON	2009/11/17 12:00
S8	2402	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00

S9	1835	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00
S10	1640	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00
S11	1154	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((NOx or "NO.sub.x" or (nitrogen near2 oxid$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:00
S12	37	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((regenerat$4 or purg$4) near4 (NOx or "NO.sub.x" or (nitrogen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01

		near2 oxid$4))) and ((bed or mid) near4 temperature)				
S13	172	(exhaust near4 gas) and (engine) and ((particulat $4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg $4) near4 (filter or trap)) and ((regenerat$4 or purg$4) near4 (NOx or "NO.sub.x" or (nitrogen near2 oxid$4))) and ((bed or mid or first or second) near4 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S14	111	(exhaust near4 gas) and (engine) and ((particulat $4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg $4) near4 (filter or trap)) and ((bed or mid) near4 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S15	6	"4450682".PN. "5195319".PN. "4651524".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01

| S16 | 265 | ("20030172642" \| "20050016163" \| "20050022505" \| "20050022513" \| "20050039442" \| "2593943" \| "2709651" \| "2792302" \| "2902363" \| "3223523" \| "3313621" \| "3445196" \| "3470689" \| "3503716" \| "3620690" \| "3775064" \| "3788486" \| "3892536" \| "3940269" \| "4040253" \| "4054418" \| "4167852" \| "4211075" \| "4257225" \| "4264344" \| "4264346" \| "4277374" \| "4281512" \| "4283207" \| "4299600" \| "4319453" \| "4319896" \| "4329162" \| "4335574" \| "4345431" \| "4373330" \| "4381643" \| "4386497" \| "4390355" \| "4404795" \| "4404796" \| "4404798" \| "4410427" \| "4415344" \| "4417908" \| "4436538" \| "4450682" \| "4512147" \| "4535589" \| "4582677" \| "4604869" \| "4643749" \| "4662911" \| "4667469" \| "4704863" \| "4732593" \| "4759918" \| "4813231" \| "4857089" \| "4945722" \| "4973458" \| "4976760" \| "5009857" \| "5016437" \| "5073178" \| "5171335" \| "5473887" \| "5511413" \| "5746989" \| "5908480" \| "5961931" \| "5974791" \| "5996338" \| "6167696" \| "6322605" \| "6397587" \| "6568173" \| "6594990" \| "6718757" \| "6745560" \| "6779339" \| "6813882" \| "6832473" \| "6907862" \| "6962045"). PN. OR ("2007/0271902" \| "4450682" \| "4651524" \| "5195319" \| "6941750" \| "6988361" \| "7054734" \| "7207171").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/17 12:01 |

S17	163	(("20030172642" | "20050016163" | "20050022505" | "20050022513" | "20050039442" | "2593943" | "2709651" | "2792302" | "2902363" | "3223523" | "3313621" | "3445196" | "3470689" | "3503716" | "3620690" | "3775064" | "3788486" | "3892536" | "3940269" | "4040253" | "4054418" | "4167852" | "4211075" | "4257225" | "4264344" | "4264346" | "4277374" | "4281512" | "4283207" | "4299600" | "4319453" | "4319896" | "4329162" | "4335574" | "4345431" | "4373330" | "4381643" | "4386497" | "4390355" | "4404795" | "4404796" | "4404798" | "4410427" | "4415344" | "4417908" | "4436538" | "4450682" | "4512147" | "4535589" | "4582677" | "4604869" | "4643749" | "4662911" | "4667469" | "4704863" | "4732593" | "4759918" | "4813231" | "4857089" | "4945722" | "4973458" | "4976760" | "5009857" | "5016437" | "5073178" | "5171335" | "5473887" | "5511413" | "5746989" | "5908480" | "5961931" | "5974791" | "5996338" | "6167696" | "6322605" | "6397587" | "6568173" | "6594990" | "6718757" | "6745560" | "6779339" | "6813882" | "6832473" | "6907862" | "6962045"). PN. OR ("2007/0271902" | "4450682" | "4651524" | "5195319" | "6941750" | "6988361" | "7054734" | "7207171").URPN.) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 12:01

		(temperature))				
S18	19	(exhaust near4 gas) and (engine) and ((particulat $4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg $4) near4 (filter or trap)) and ((NOx or "NO.sub.x" or (nitrogen near2 oxid $4))) and (temperature near4 (sensor or detector) near4 (bed or mid or multiple or plural))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S19	23	(exhaust near4 gas) and (engine) and ((particulat $4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg $4) near4 (filter or trap)) and (temperature near4 (sensor or detector) near4 (bed or mid or multiple or plural))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S20	105	(exhaust near4 gas) and (engine) and ((particulat $4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg $4) near4 (filter or trap)) and (temperature near4 (sensor or detector) near4 ((bed or mid or multiple or plural) or	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01

		(first and second)))				
S21	36	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and (temperature near4 (sensor or detector) near4 ((bed or mid or multiple or plural) or (first and second))) and ((bed or mid or middle or inside) near4 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S22	68	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) and (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and (temperature with (sensor or detector) with ((bed or mid or multiple or plural) or (first and second))) and ((bed or mid or middle or inside) near4 temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S23	91	(("20030172642" | "20050016163" | "20050022505" | "20050022513" | "20050039442" | "2593943" | "2709651" | "2792302" | "2902363" | "3223523" | "3313621" | "3445196" | "3470689" | "3503716" | "3620690" | "3775064" | "3788486" | "3892536" | "3940269" |	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01

"4040253" | "4054418" |
"4167852" | "4211075" |
"4257225" | "4264344" |
"4264346" | "4277374" |
"4281512" | "4283207" |
"4299600" | "4319453" |
"4319896" | "4329162" |
"4335574" | "4345431" |
"4373330" | "4381643" |
"4386497" | "4390355" |
"4404795" | "4404796" |
"4404798" | "4410427" |
"4415344" | "4417908" |
"4436538" | "4450682" |
"4512147" | "4535589" |
"4582677" | "4604869" |
"4643749" | "4662911" |
"4667469" | "4704863" |
"4732593" | "4759918" |
"4813231" | "4857089" |
"4945722" | "4973458" |
"4976760" | "5009857" |
"5016437" | "5073178" |
"5171335" | "5473887" |
"5511413" | "5746989" |
"5908480" | "5961931" |
"5974791" | "5996338" |
"6167696" | "6322605" |
"6397587" | "6568173" |
"6594990" | "6718757" |
"6745560" | "6779339" |
"6813882" | "6832473" |
"6907862" | "6962045").
PN. OR ("2007/0271902"
| "4450682" | "4651524"
| "5195319" | "6941750"
| "6988361" | "7054734"
| "7207171").URPN.)
and ((particulat$4 or
particl$4 or soot or ash
or filter or trap) near4
(temperature)) and
(oxygen)

S24	109	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((increas$4 or rais$4) near4 (temperature near4 oxygen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S25	1268	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((increas$4 or rais$4) near4 (temperature))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S26	284	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((increas$4 or rais$4) near4 (temperature)) and ((increas$4 or rais$4) near4 (oxygen))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01

S27	303	("20030172642" | "20040172933" | "20050016163" | "20050022505" | "20050022513" | "20050039442" | "20050154523" | "20050188686" | "2593943" | "2709651" | "2792302" | "2902363" | "3189418" | "3223523" | "3262578" | "3313621" | "3445196" | "3470689" | "3503716" | "3620690" | "3771967" | "3775064" | "3788486" | "3860403" | "3892536" | "3939902" | "3940269" | "4040253" | "4054418" | "4167852" | "4186100" | "4211075" | "4257225" | "4264344" | "4264346" | "4277374" | "4281512" | "4283207" | "4299600" | "4319453" | "4319896" | "4329162" | "4335574" | "4345431" | "4363644" | "4364761" | "4373330" | "4381643" | "4386497" | "4390355" | "4404795" | "4404796" | "4404798" | "4410427" | "4415344" | "4417908" | "4436538" | "4450682" | "4512147" | "4535589" | "4582677" | "4604869" | "4643749" | "4662911" | "4667469" | "4704863" | "4719751" | "4732593" | "4759918" | "4813231" | "4835964" | "4857089" | "4945722" | "4969328" | "4973458" | "4976760" | "5009857" | "5016437" | "5073178" | "5121601" | "5171335" | "5473887" | "5511413" | "5746989" | "5908480" | "5961931" | "5974791" | "5996338" | "6167696" | "6322605" | "6397587" | "6568173" | "6594990" | "6718757" | "6745560" | "6779339" | "6802180" | "6813882" |	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 12:01

		"6829889" | "6832473" | "6907862" | "6941750" | "6962045" | "6983591" | "7031827").PN. OR ("2007/0271902" | "4436538" | "4450682" | "4651524" | "5195319" | "6941750" | "6988361" | "7054734" | "7207171" | "7254940").URPN.				
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		"5073178" | "5121601" | "5171335" | "5473887" | "5511413" | "5746989" | "5908480" | "5961931" | "5974791" | "5996338" | "6167696" | "6322605" | "6397587" | "6568173" | "6594990" | "6718757" | "6745560" | "6779339" | "6802180" | "6813882" | "6829889" | "6832473" | "6907862" | "6941750" | "6962045" | "6983591" | "7031827").PN. OR ("2007/0271902" | "4436538" | "4450682" | "4651524" | "5195319" | "6941750" | "6988361" | "7054734" | "7207171" | "7254940").URPN.) and ((increas$4 or rais$4) near4 (oxygen))				
S29	2	("6988361".PN.) and ((increas$4 or rais$4) near4 (oxygen)) and ((reduc$4) near4 (oxygen)) and ((increas$4 or rais$4 or reduc$4) near4 (temperature)) and (temperature)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:01
S30	84	(("20030172642" | "20040172933" | "20050016163" | "20050022505" | "20050022513" | "20050039442" | "20050154523" | "20050188686" | "2593943" | "2709651" | "2792302" | "2902363" | "3189418" | "3223523" | "3262578" | "3313621" | "3445196" | "3470689" | "3503716" | "3620690" | "3771967" | "3775064" | "3788486" | "3860403" | "3892536" | "3939902" | "3940269" | "4040253" | "4054418" | "4167852" | "4186100" | "4211075" | "4257225" | "4264344" | "4264346" | "4277374" |	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 12:01

"4281512" | "4283207" |
"4299600" | "4319453" |
"4319896" | "4329162" |
"4335574" | "4345431" |
"4363644" | "4364761" |
"4373330" | "4381643" |
"4386497" | "4390355" |
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"4415344" | "4417908" |
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"6397587" | "6568173" |
"6594990" | "6718757" |
"6745560" | "6779339" |
"6802180" | "6813882" |
"6829889" | "6832473" |
"6907862" | "6941750" |
"6962045" | "6983591" |
"7031827").PN. OR
("2007/0271902" |
"4436538" | "4450682" |
"4651524" | "5195319" |
"6941750" | "6988361" |
"7054734" | "7207171" |
"7254940").URPN.) and
((internal or inside or
within) near2
(temperature))

S31	57	(("20030172642"	"20040172933"	"20050016163"	"20050022505"	"20050022513"	"20050039442"	"20050154523"	"20050188686"	"2593943"	"2709651"	"2792302"	"2902363"	"3189418"	"3223523"	"3262578"	"3313621"	"3445196"	"3470689"	"3503716"	"3620690"	"3771967"	"3775064"	"3788486"	"3860403"	"3892536"	"3939902"	"3940269"	"4040253"	"4054418"	"4167852"	"4186100"	"4211075"	"4257225"	"4264344"	"4264346"	"4277374"	"4281512"	"4283207"	"4299600"	"4319453"	"4319896"	"4329162"	"4335574"	"4345431"	"4363644"	"4364761"	"4373330"	"4381643"	"4386497"	"4390355"	"4404795"	"4404796"	"4404798"	"4410427"	"4415344"	"4417908"	"4436538"	"4450682"	"4512147"	"4535589"	"4582677"	"4604869"	"4643749"	"4662911"	"4667469"	"4704863"	"4719751"	"4732593"	"4759918"	"4813231"	"4835964"	"4857089"	"4945722"	"4969328"	"4973458"	"4976760"	"5009857"	"5016437"	"5073178"	"5121601"	"5171335"	"5473887"	"5511413"	"5746989"	"5908480"	"5961931"	"5974791"	"5996338"	"6167696"	"6322605"	"6397587"	"6568173"	"6594990"	"6718757"	"6745560"	"6779339"	"6802180"	"6813882"		US-PGPUB; USPAT; USOCR	OR	ON	2009/11/17 12:01

		"6829889" | "6832473" | "6907862" | "6941750" | "6962045" | "6983591" | "7031827").PN. OR ("2007/0271902" | "4436538" | "4450682" | "4651524" | "5195319" | "6941750" | "6988361" | "7054734" | "7207171" | "7254940").URPN.) and ((internal or inside or within) near2 (temperature)) and (oxygen)				
S32	551	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((NOx or "NO.sub.x" or (nitrogen near2 oxid$4))) and (temperature near4 (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:10
S33	438	(exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) near4 (temperature)) and (oxygen) and (regenerat$4) and ((regenerat$4 or purg$4) near4 (filter or trap)) and ((regenerat$4 or purg$4) near4 (NOx or "NO.sub.x" or (nitrogen near2 oxid$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/17 12:10

| S34 | 8 | (exhaust near4 gas) and (engine) and ((particulat$4 or particl$4 or soot or ash) near4 (filter or trap)) and ((particulat$4 or particl$4 or soot or ash or filter or trap) and (temperature)) and (temperature near4 (sensor or detector) near4 ((bed or mid or multiple or plural))) and ((inside) near4 temperature) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/11/17 12:10 |

11/22/2009 11:41:18 PM
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